

## CLAIMS

What is claimed is:

- Sub  
Q2 5
- 00440 " T 664560
1. An isolated non-Goodpasture fragment of  $\alpha 3(\text{IV})$  NC1 domain, having one or both of the following characteristics selected from the group consisting of:
    - (a) the ability to bind  $\alpha_v \beta_3$  integrin; and
    - (b) the ability to inhibit proliferation of endothelial cells.
  2. The isolated fragment of Claim 1, wherein the ability to bind  $\alpha_v \beta_3$  integrin is RGD-independent.
  3. The isolated fragment of Claim 2, further comprising the inability to inhibit tumor cell proliferation.
  4. The isolated fragment of Claim 3, having the amino acid sequence of amino acid residue 54 to amino acid 124 of SEQ ID NO:10.
  5. ~~An isolated non-Goodpasture fragment of  $\alpha 3(\text{IV})$  NC1 domain, having one or more of the following characteristics selected from the group consisting of:~~
    - (a) the ability to bind  $\alpha_v \beta_3$  integrin;
    - (b) the ability to bind endothelial cells;
    - (c) the ability of inhibit proliferation of tumor cells; and
    - (d) the inability to inhibit proliferation of endothelial cells.
  6. The isolated fragment of Claim 5, wherein the ability to bind  $\alpha_v \beta_3$  integrin is RGD-independent.

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7. The isolated fragment of Claim 6, having the amino acid sequence of amino acid residue 185 to amino acid 203 of SEQ ID NO:10.

add  
A3

add  
Q3

# 1. Introduction